

## Zion National Park Vegetation Map Class for *Artemisia tridentata* Shrubland Complex

The map class "[Artemisia tridentata Shrubland Complex](#)" is composed of the following vegetation associations, each described separately:

- [Artemisia tridentata / Bouteloua gracilis Shrubland](#)
- [A. tridentata - \(Ericameria nauseosa\) / Bromus tectorum Shrubland](#)
- [A. tridentata ssp. tridentata / Pascopyrum smithii - \(Elymus lanceolatus\) Shrubland](#)
- [Artemisia tridentata ssp. Vaseyana / Hesperostipa comata Shrubland](#)
- [Atriplex canescens - Artemisia tridentata Shrubland](#)
- [Tetradymia canescens - Ephedra viridis Shrubland](#)

Big sagebrush is widespread through the Park shifting from the basin big sagebrush subspecies (spp. *tridentata*) in the south to mountain big sagebrush (spp. *vaseyana*) in the middle and northern portions. The gray color of the sagebrush is readily apparent on the aerial photos but is very similar to other sagebrushes (i.e. sand, black). Due to extreme similarities in height, color, and habitat, spineless horsebrush could not be separated from big sagebrush. Instead, horsebrush was combined with big sagebrush to form a complex, which closely matches their tendency to intermix on the ground as well.